

SEQUENCE LISTING

<110> Le, Junming
Vilcek, Jan
Daddona, Peter
Ghrayeb, John
Knight, David
Siegel, Scott

<120> Anti-TNF Antibodies and Peptides of
Human Tumor Necrosis Factor

<130> 0975.1005-038

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<150> US 09/756,301

<151> 2001-01-08

<150> U.S. 09/133,119

<151> 1998-08-12

<150> U.S. 08/570,674

<151> 1995-12-11

<150> U.S. 08/324,799

<151> 1994-10-18

<150> U.S. 08/192,102

<151> 1994-02-04

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<150> U.S. 08/192,093

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<150> U.S. 08/010,406

<151> 1993-01-29

<150> U.S. 08/013,413

<151> 1993-02-02

<150> U.S. 07/943,852

<151> 1992-09-11

<150> U.S. 07/853,606

<151> 1992-03-18

<150> U.S. 07/670,827

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          20           25           30
Ala Asn Ala Leu Leu Ala Asn Gly Val Glu Leu Arg Asp Asn Gln Leu
      35           40           45
Val Val Pro Ser Glu Gly Leu Tyr Leu Ile Tyr Ser Gln Val Leu Phe
 50           55           60
Lys Gly Gln Gly Cys Pro Ser Thr His Val Leu Leu Thr His Thr Ile
65           70           75           80
Ser Arg Ile Ala Val Ser Tyr Gln Thr Lys Val Asn Leu Leu Ser Ala
          85           90           95
Ile Lys Ser Pro Cys Gln Arg Glu Thr Pro Glu Gly Ala Glu Ala Lys
          100          105          110
Pro Trp Tyr Glu Pro Ile Tyr Leu Gly Gly Val Phe Gln Leu Glu Lys
      115          120          125
Gly Asp Arg Leu Ser Ala Glu Ile Asn Arg Pro Asp Tyr Leu Asp Phe
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gaa aga gtc agt ttc tcc tgc agg gcc agt cag ttc gtt ggc tca agc    96
Glu Arg Val Ser Phe Ser Cys Arg Ala Ser Gln Phe Val Gly Ser Ser
          20           25           30

atc cac tgg tat cag caa aga aca aat ggt tct cca agg ctt ctc ata    144
Ile His Trp Tyr Gln Gln Arg Thr Asn Gly Ser Pro Arg Leu Leu Ile
          35           40           45

aag tat gct tct gag tct atg tct ggg atc cct tcc agg ttt agt ggc    192
Lys Tyr Ala Ser Glu Ser Met Ser Gly Ile Pro Ser Arg Phe Ser Gly
 50           55           60

agt gga tca ggg aca gat ttt act ctt agc atc aac act gtg gag tct    240

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Ser	Gly	Ser	Gly	Thr	Asp	Phe	Thr	Leu	Ser	Ile	Asn	Thr	Val	Glu	Ser	
65					70					75					80	
gaa	gat	att	gca	gat	tat	tac	tgt	caa	caa	agt	cat	agc	tgg	cca	ttc	288
Glu	Asp	Ile	Ala	Asp	Tyr	Tyr	Cys	Gln	Gln	Ser	His	Ser	Trp	Pro	Phe	
				85				90						95		
acg	ttc	ggc	tcg	ggg	aca	aat	ttg	gaa	gta	aaa						321
Thr	Phe	Gly	Ser	Gly	Thr	Asn	Leu	Glu	Val	Lys						
			100					105								

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Glu	Arg	Val	Ser	Phe	Ser	Cys	Arg	Ala	Ser	Gln	Phe	Val	Gly	Ser	Ser	
			20					25					30			
Ile	His	Trp	Tyr	Gln	Gln	Arg	Thr	Asn	Gly	Ser	Pro	Arg	Leu	Leu	Ile	
		35				40						45				
Lys	Tyr	Ala	Ser	Glu	Ser	Met	Ser	Gly	Ile	Pro	Ser	Arg	Phe	Ser	Gly	
	50					55				60						
Ser	Gly	Ser	Gly	Thr	Asp	Phe	Thr	Leu	Ser	Ile	Asn	Thr	Val	Glu	Ser	
65					70					75					80	
Glu	Asp	Ile	Ala	Asp	Tyr	Tyr	Cys	Gln	Gln	Ser	His	Ser	Trp	Pro	Phe	
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Thr	Phe	Gly	Ser	Gly	Thr	Asn	Leu	Glu	Val	Lys						
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tcc	atg	aaa	ctc	tcc	tgt	gtt	gcc	tct	gga	ttc	att	ttc	agt	aac	cac	96
Ser	Met	Lys	Leu	Ser	Cys	Val	Ala	Ser	Gly	Phe	Ile	Phe	Ser	Asn	His	
			20					25					30			
tgg	atg	aac	tgg	gtc	cgc	cag	tct	cca	gag	aag	ggg	ctt	gag	tgg	gtt	144
Trp	Met	Asn	Trp	Val	Arg	Gln	Ser	Pro	Glu	Lys	Gly	Leu	Glu	Trp	Val	
		35				40						45				
gct	gaa	att	aga	tca	aaa	tct	att	aat	tct	gca	aca	cat	tat	gcg	gag	192

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Ala	Glu	Ile	Arg	Ser	Lys	Ser	Ile	Asn	Ser	Ala	Thr	His	Tyr	Ala	Glu		
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Ser	Val	Lys	Gly	Arg	Phe	Thr	Ile	Ser	Arg	Asp	Asp	Ser	Lys	Ser	Ala		
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gtc	tac	ctg	caa	atg	acc	gac	tta	aga	act	gaa	gac	act	ggc	gtt	tat	288	
Val	Tyr	Leu	Gln	Met	Thr	Asp	Leu	Arg	Thr	Glu	Asp	Thr	Gly	Val	Tyr		
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tac	tgt	tcc	agg	aat	tac	tac	ggc	agt	acc	tac	gac	tac	tgg	ggc	caa	336	
Tyr	Cys	Ser	Arg	Asn	Tyr	Tyr	Gly	Ser	Thr	Tyr	Asp	Tyr	Trp	Gly	Gln		
			100					105					110				
ggc	acc	act	ctc	aca	gtc	tcc										357	
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			20					25					30				
Trp	Met	Asn	Trp	Val	Arg	Gln	Ser	Pro	Glu	Lys	Gly	Leu	Glu	Trp	Val		
		35				40						45					
Ala	Glu	Ile	Arg	Ser	Lys	Ser	Ile	Asn	Ser	Ala	Thr	His	Tyr	Ala	Glu		
50					55					60							
Ser	Val	Lys	Gly	Arg	Phe	Thr	Ile	Ser	Arg	Asp	Asp	Ser	Lys	Ser	Ala		
65					70					75					80		
Val	Tyr	Leu	Gln	Met	Thr	Asp	Leu	Arg	Thr	Glu	Asp	Thr	Gly	Val	Tyr		
				85					90				95				
Tyr	Cys	Ser	Arg	Asn	Tyr	Tyr	Gly	Ser	Thr	Tyr	Asp	Tyr	Trp	Gly	Gln		
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Gly	Thr	Thr	Leu	Thr	Val	Ser											
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Gly Thr Lys Leu Glu Ile Lys
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